

PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC SIGNAL AT THE INTERSECTION OF US 50 AND MARYLAND AVE IN DORCHESTER COUNTY. US 50 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

II. INTERSECTION OPERATION

THE INTERSECTION OPERATES IN A NEMA SIX-PHASE, FULLY-TRAFFIC-ACTUATED MODE. THERE IS EXCLUSIVE/PERMISSIVE LEFT TURN PHASING FOR BOTH THE EAST AND WEST APPROACHES OF US 50. US 50 THROUGH MOVEMENTS WILL OPERATE CONCURRENTLY AND MARYLAND AVE THROUGH MOVEMENTS WILL RUN CONSECUTIVELY. THERE IS PEDESTRIAN INDICATIONS ACROSS MARYLAND AVE ALTERNATE PEDESTRIAN PHASING HAS ALSO BEEN PROVIDED ACROSS US 50.

CONTACTS

Mr. Kenneth Cimino
Assistant District Engineer - Traffic
Phone: (410) 667-4040

Mr. Wayne Weichman
Assistant District Engineer - Maintenance
Phone: (410) 677-4010

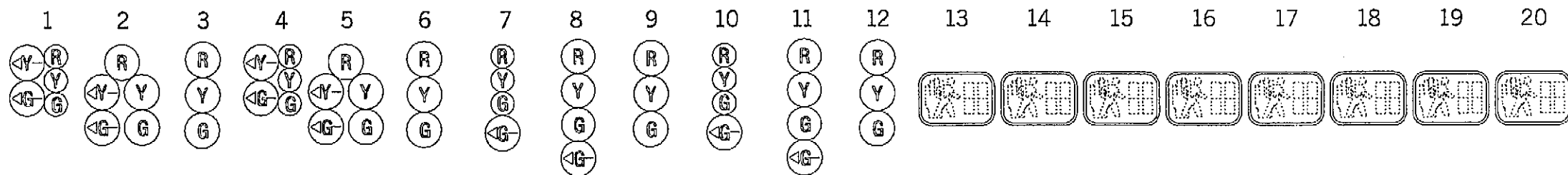
Mr. Bruce W. Poole
Utility Engineer
Phone: (410) 677-4082

Mr. Richard L. Daff, Sr.
Chief, Traffic Operations Division
Phone: (410) 787-7630

Mr. Ed Rodenhizer
Supervisor, Signal Operations
Phone: (410) 787-7650

US 50 IS ASSUMED TO RUN IN A EASTWEST DIRECTION

PHASE CHART

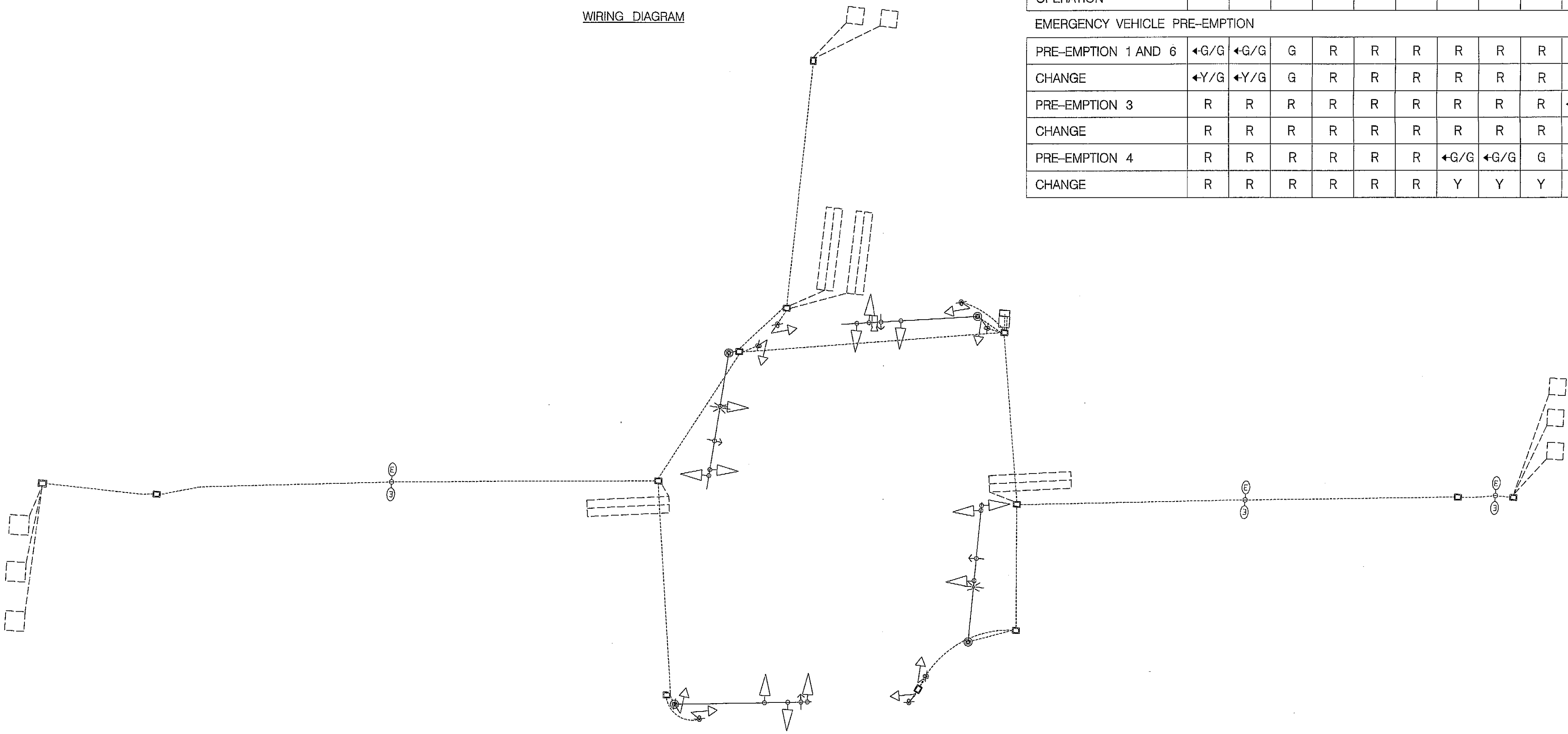


PHASE 1 AND 5	←G/R	←G/R	R	←G/R	←G/R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	
1 AND 5 CHANGE TO 1 AND 6, 2 AND 5, OR 2 AND 6																					
PHASE 1 AND 6	←G/G	←G/G	G	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	
1 AND 6 CHANGE	←Y/G	←Y/G	G	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	
PHASE 2 AND 5	R	R	R	←G/G	←G/G	G	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	
2 AND 5 CHANGE	R	R	R	←Y/G	←Y/G	G	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	
PHASE 2 AND 6	G	G	G	G	G	G	R	R	R	R	R	R	DW	DW	DW	DW	WK	WK	WK	WK	
PED CLEARANCE	G	G	G	G	G	G	R	R	R	R	R	R	DW	DW	DW	DW	FL/DW	FL/DW	FL/DW	FL/DW	
2 AND 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	
PHASE 3	R	R	R	R	R	R	←G/G	←G/G	G	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	
3 CHANGE	R	R	R	R	R	R	Y	Y	Y	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	
PHASE 3 ALT	R	R	R	R	R	R	←G/G	←G/G	G	R	R	R	WK	WK	DW	DW	DW	DW	DW	DW	
PED CLEARANCE	R	R	R	R	R	R	←G/G	←G/G	G	R	R	R	FL/DW	FL/DW	DW	DW	DW	DW	DW	DW	
3 ALT CHANGE	R	R	R	R	R	R	Y	Y	Y	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	
PHASE 4	R	R	R	R	R	R	R	R	R	←G/G	←G/G	G	DW	DW	DW	DW	DW	DW	DW	DW	
4 CHANGE	R	R	R	R	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW	DW	DW	DW	DW	
PHASE 4 ALT	R	R	R	R	R	R	R	R	R	←G/G	←G/G	G	DW	DW	WK	WK	DW	DW	DW	DW	
PED CLEARANCE	R	R	R	R	R	R	R	R	R	←G/G	←G/G	G	DW	DW	FL/DW	FL/DW	DW	DW	DW	DW	
4 ALT CHANGE	R	R	R	R	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW	DW	DW	DW	DW	
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK	DARK	DARK	DARK	DARK	

EMERGENCY VEHICLE PRE-EMPTION

PRE-EMPTION 1 AND 6	←G/G	←G/G	G	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	
CHANGE	←Y/G	←Y/G	G	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	
PRE-EMPTION 3	R	R	R	R	R	R	R	R	R	←G/G	←G/G	G	DW	DW	DW	DW	DW	DW	DW	DW	
CHANGE	R	R	R	R	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW	DW	DW	DW	DW	
PRE-EMPTION 4	R	R	R	R	R	R	←G/G	←G/G	G	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	
CHANGE	R	R	R	R	R	R	Y	Y	Y	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	

WIRING DIAGRAM



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
US 50 (SUNBURST HWY) AT
MARYLAND AVE
CAMBRIDGE, MD

GENERAL INFORMATION PLAN SHEET

SCALE NONE ADVERTISED DATE 04/2012 CONTRACT NO.

DESIGNED BY DM COUNTY DORCHESTER
DRAWN BY DM LOGMILE 09005001.05
CHECKED BY RM TMS NO. L347
F.A.P. NO. TOD NO.

TS NO. 343J DRAWING GN-1 OF 1 SHEET NO. 2 OF 2

